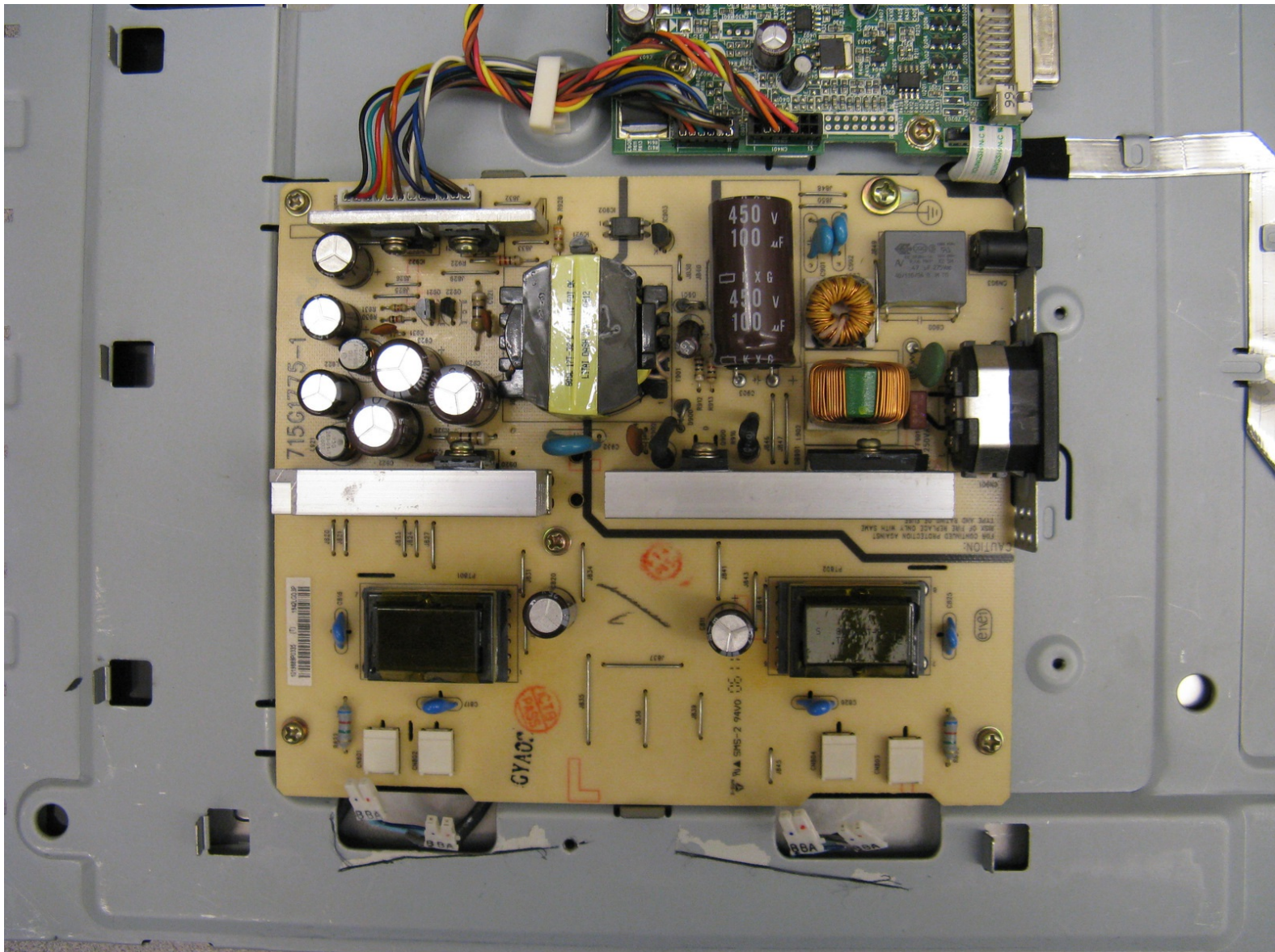




Dell 1907FPc Monitor Power Supply Replacement

Use this guide to replace a faulty power supply.

Written By: Geoff Wacker



INTRODUCTION

Following this guide involves completely disassembling the monitor. This process isn't terribly difficult, just time consuming.



TOOLS:

- [Spudger](#) (1)
- [Tweezers](#) (1)
- [Phillips #2 Screwdriver](#) (1)
- [5mm Nut Driver](#) (1)



PARTS:

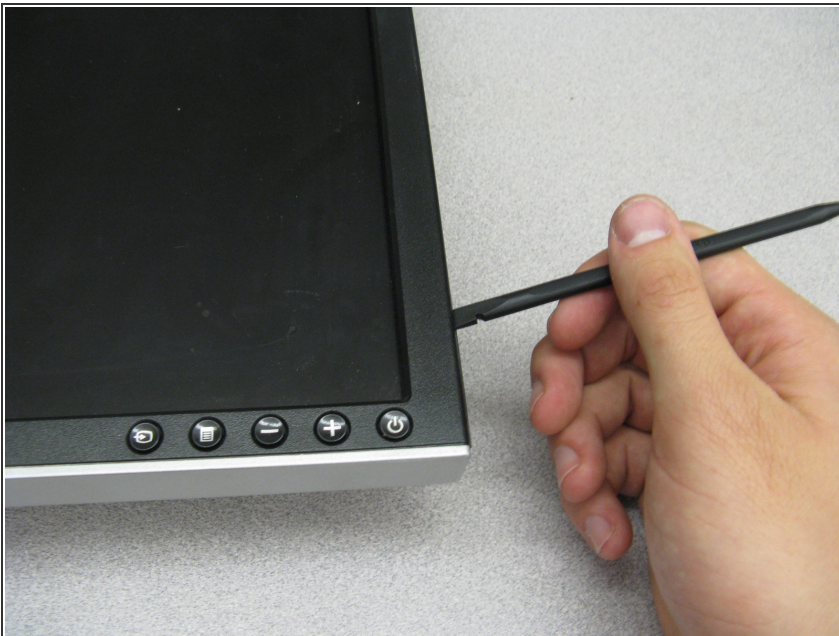
- [Dell 1942LGD3P Power Supply](#) (1)

Step 1 — Power Supply



- Carefully place the monitor face down on a flat surface, being careful to protect the display.
- Remove the four 10 mm Phillips #2 screws from the back panel.

Step 2




- Flip the monitor back over, so that the display is facing you.
- Use a spudger to remove the front bezel by unsnapping it in a counter clockwise fashion, starting at the bottom right, and ending at the button panel.

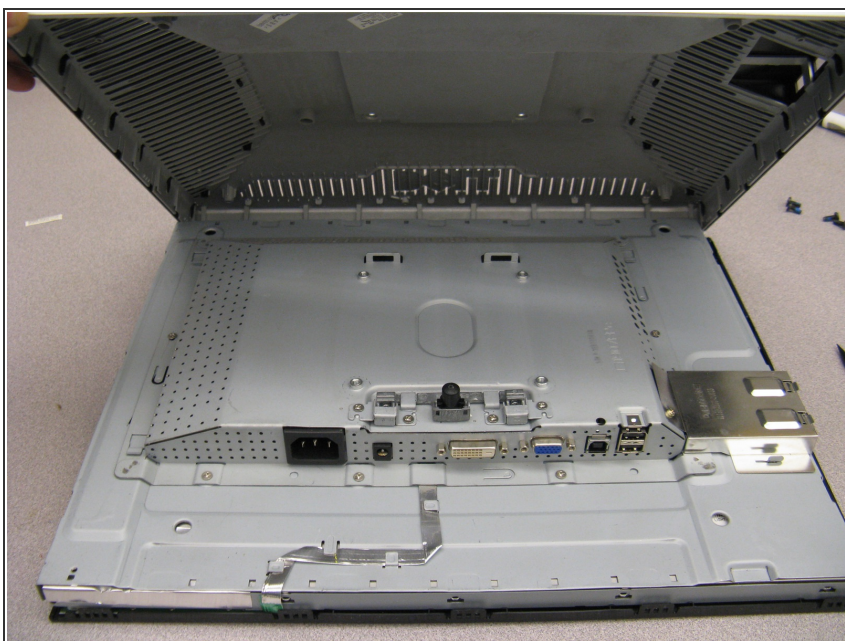
Step 3



- Slowly unsnap the bezel around the buttons.

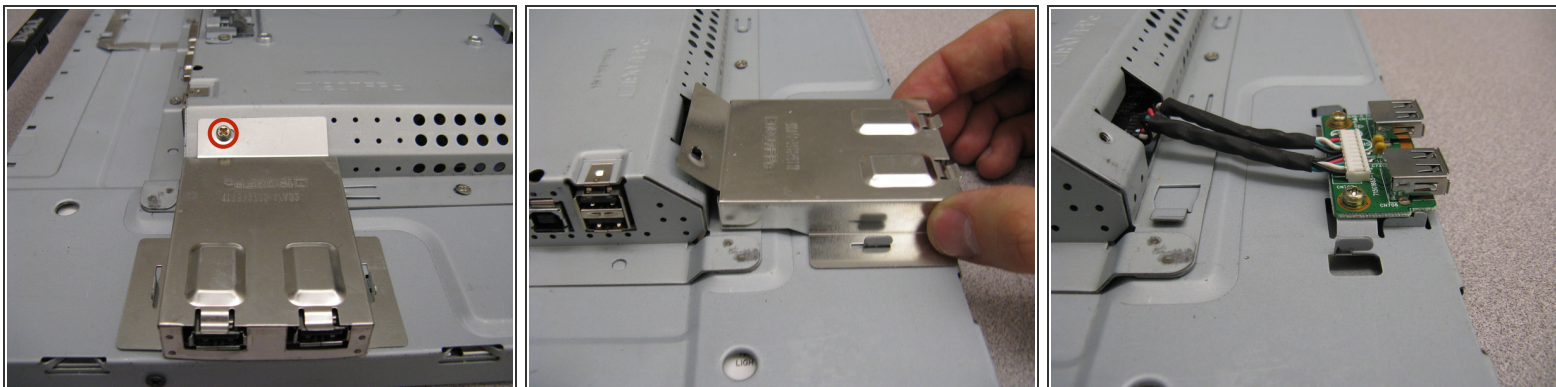
 Be careful to not fully remove the bezel here, because a ribbon cable attaches the buttons to the monitor.

Step 4



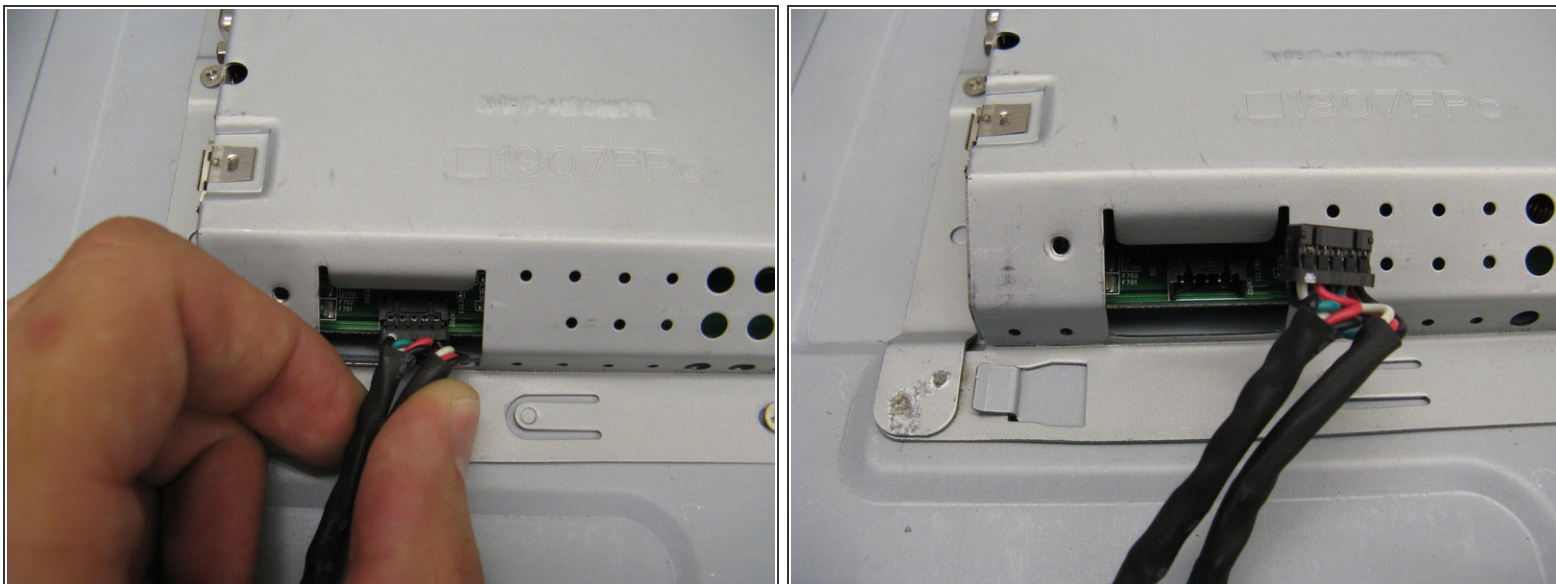
- Carefully flip the monitor back over, making sure to keep the front bezel in place.
- Lift the back cover off of the rest of the monitor.

Step 5



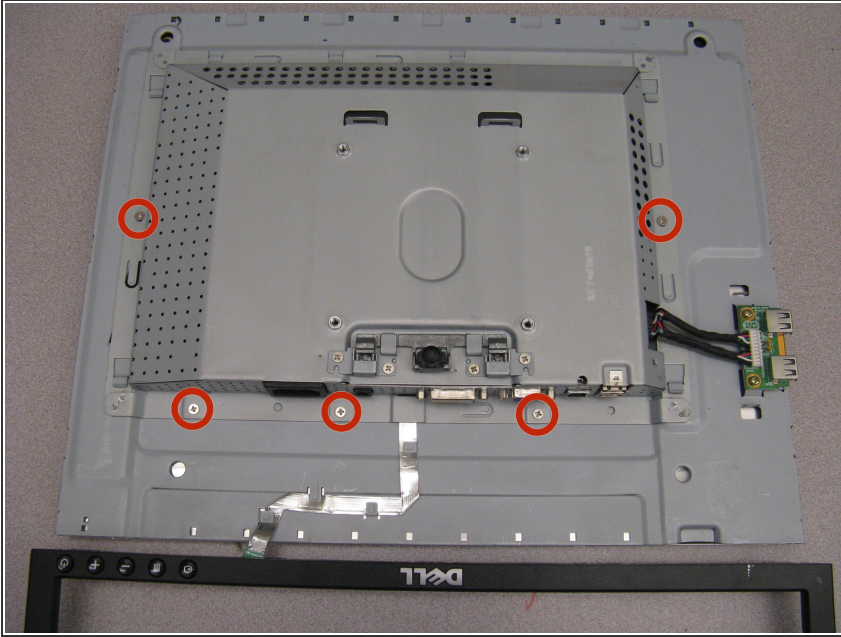
- Locate the USB port cover on the right hand side of the monitor.
- Remove the one 5 mm Phillips #2 screw.
- Remove the USB port cover by sliding it out and away from the monitor.

Step 6



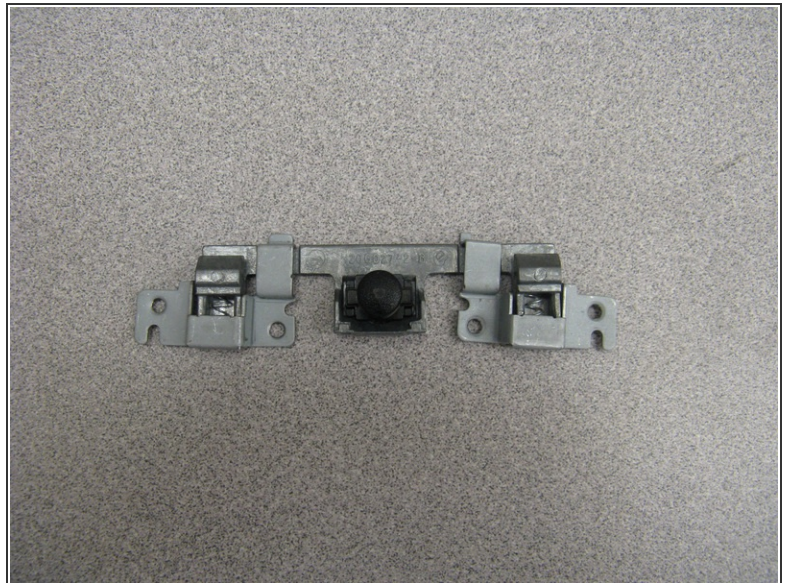
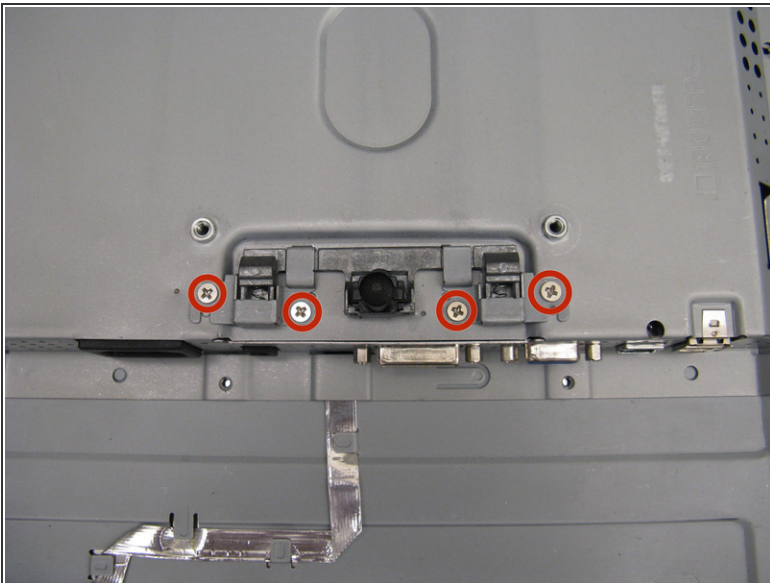
- Disconnect the USB ports by gentling grasping and pulling on the connector.

Step 7



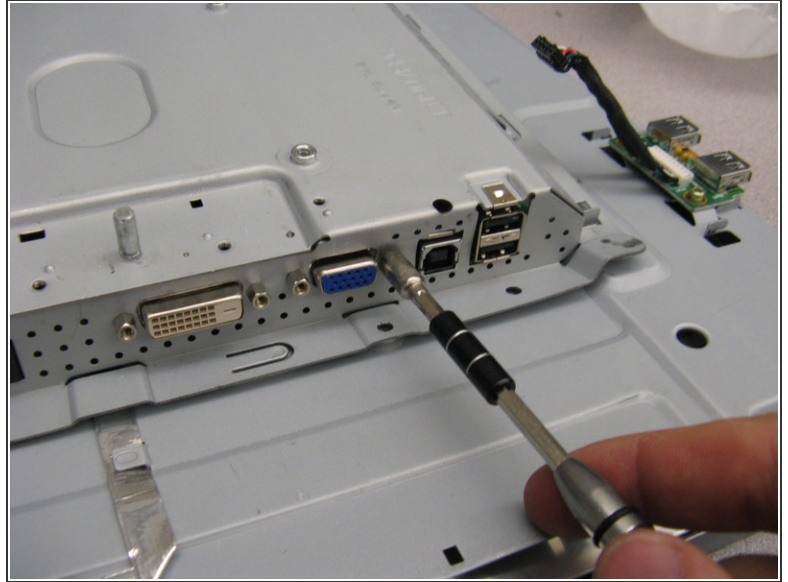
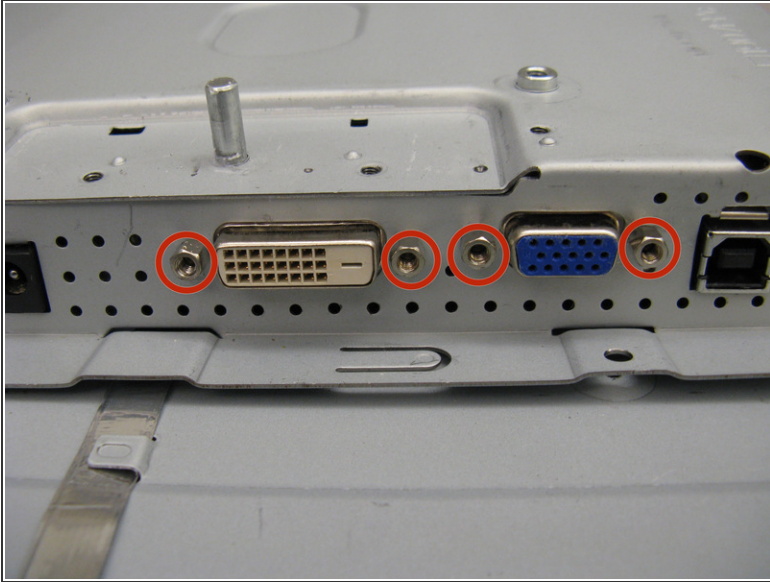
- Remove the five 5 mm Phillips #2 screws from the back panel.

Step 8



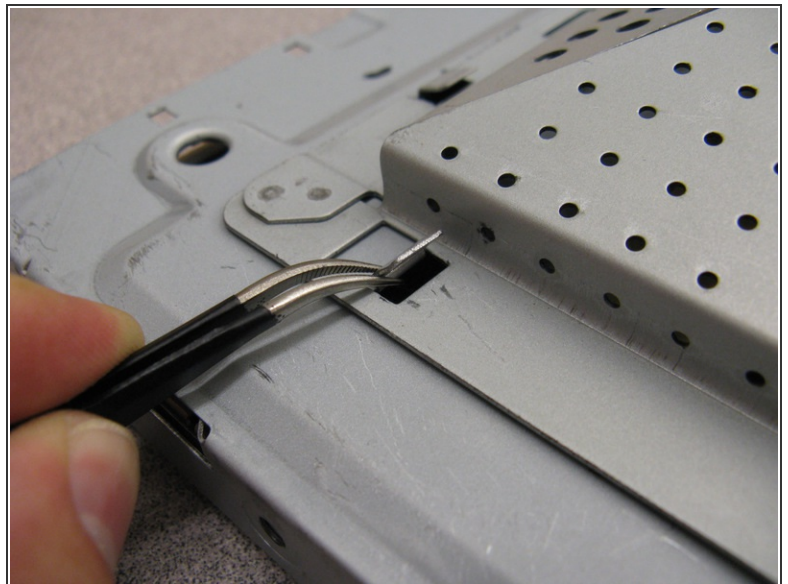
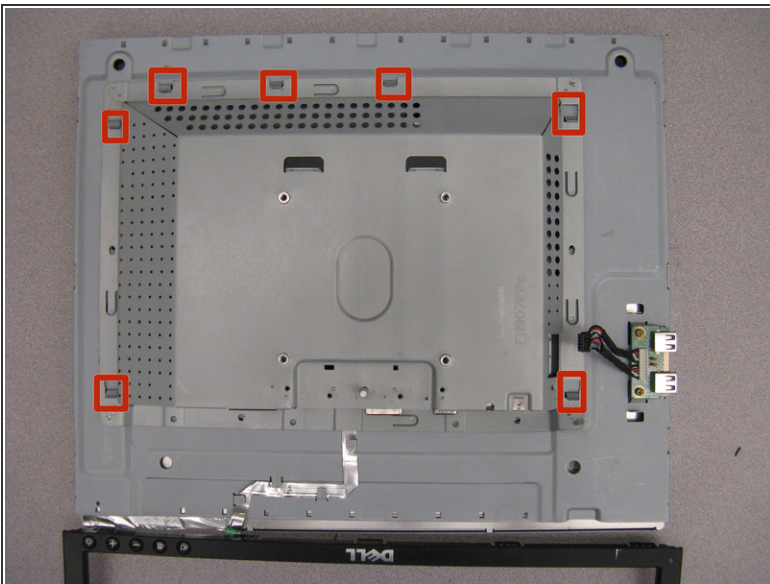
- Remove the four 4 mm Phillips #2 screws that secure the monitor mount release mechanism to the panel.
- Set this mechanism off to the side, taking care to keep it all in one piece.

Step 9



- Use a 5 mm nut driver to remove the four 12 mm standoff screws securing the video connectors to the panel.

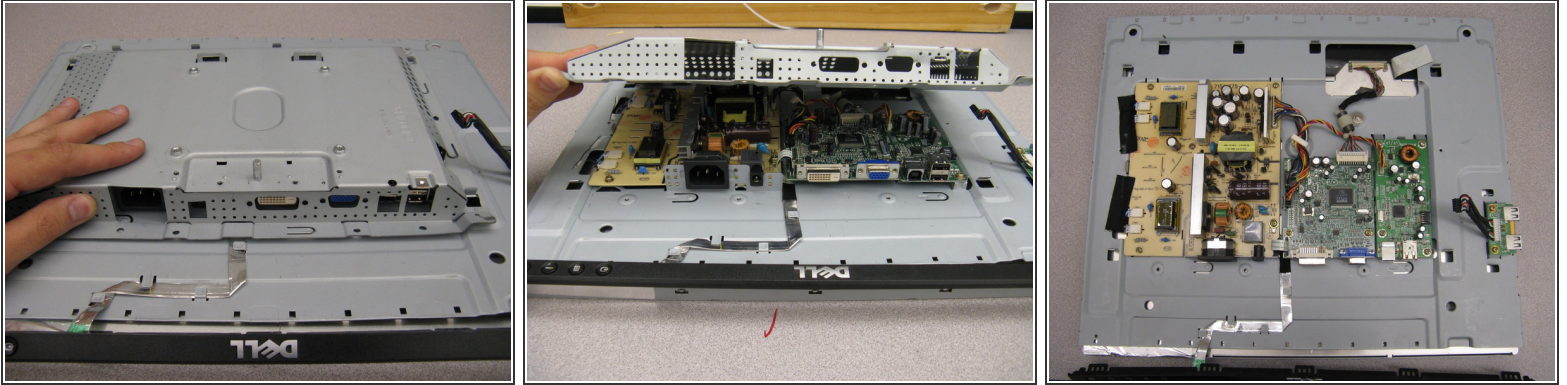
Step 10



- Use the tweezers to lift up the seven security tabs that secure the back panel to the rest of the monitor.

i If the security tabs are held down too tightly, use the spudger to pry them up, and then finish them off with the tweezers.

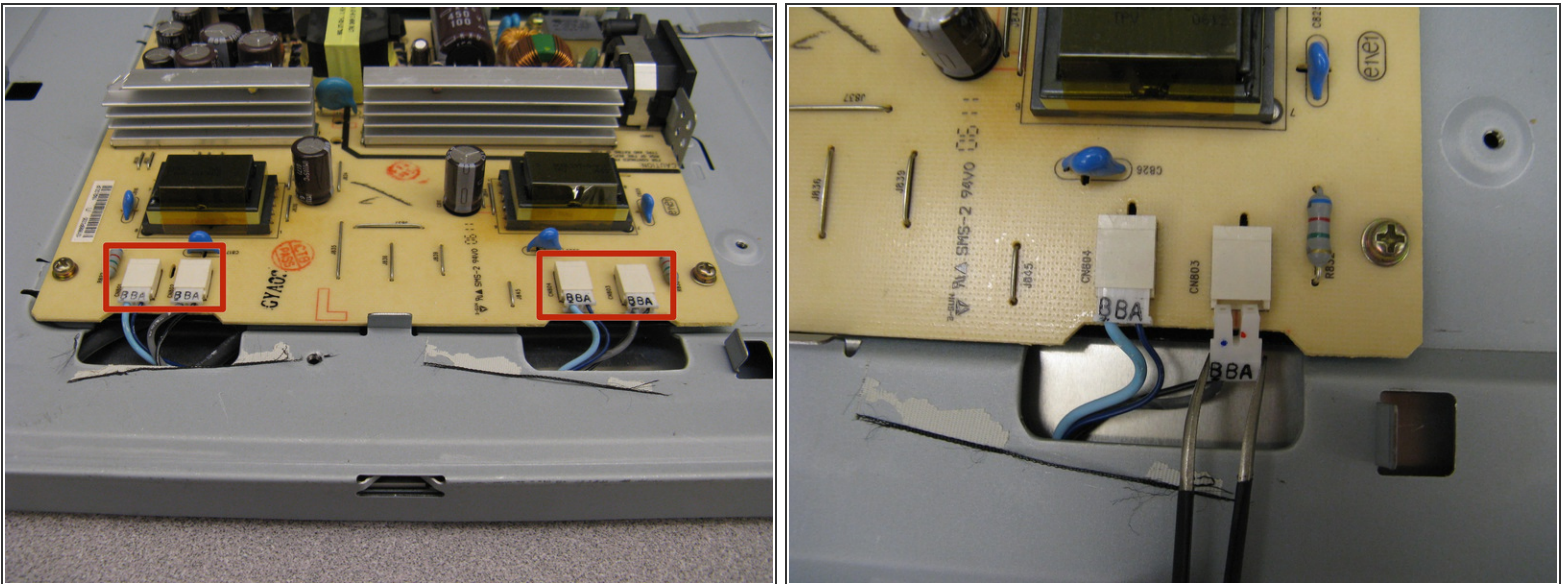
Step 11



- Lift up on the back panel to remove it from the rest of the monitor.

⚠ Be careful when doing so, as the edges of the back panel can be very sharp.

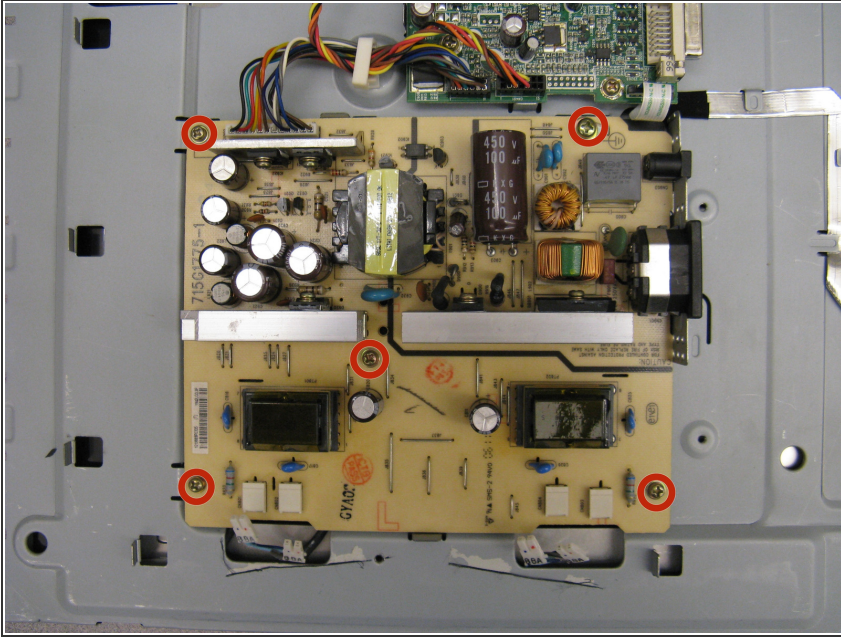
Step 12



- Use the tweezers to remove the four connectors from the power supply board.

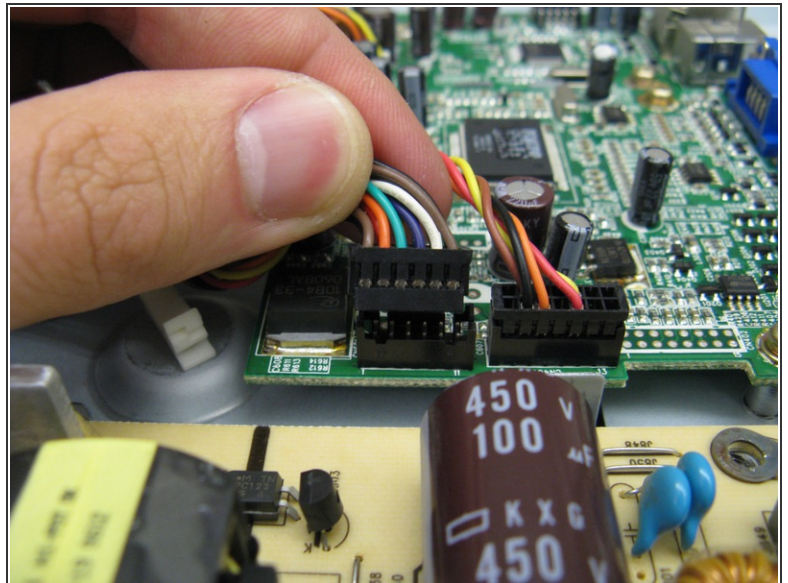
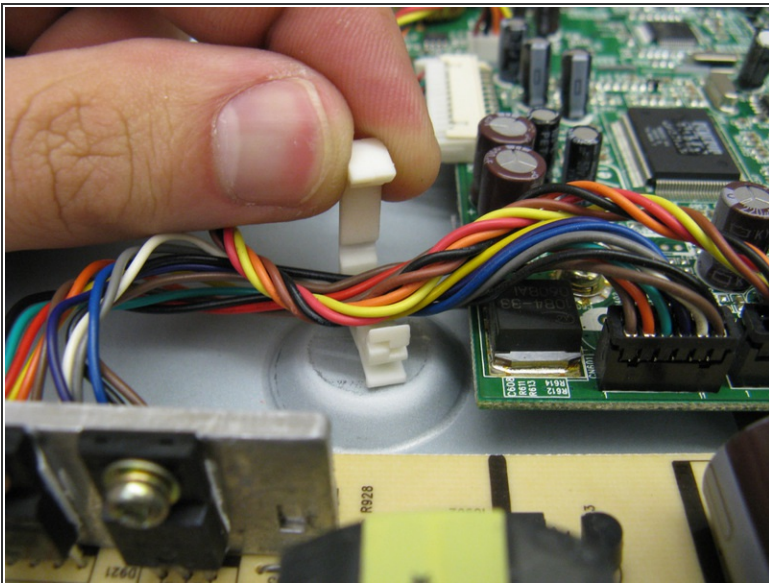
⚠ The power supply has several large capacitors (they look like little cylinders), that can shock you if they discharge. Be careful not to touch them as you continue to work.

Step 13



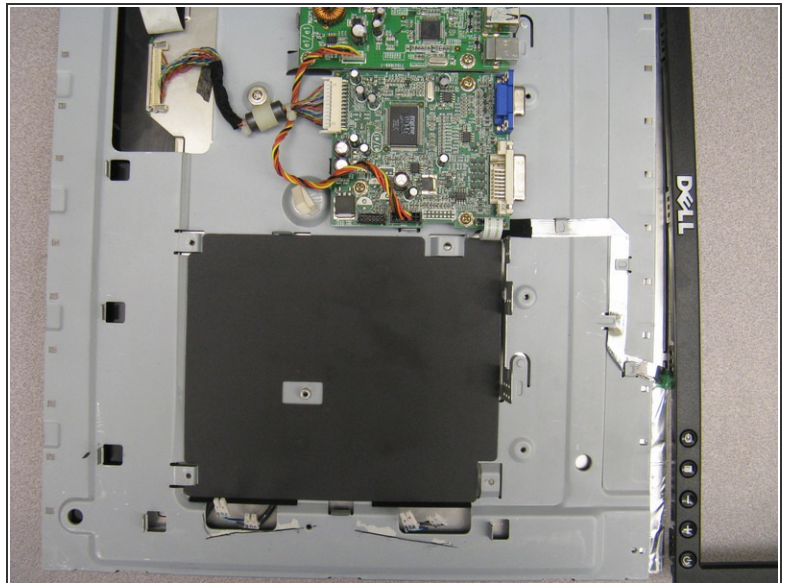
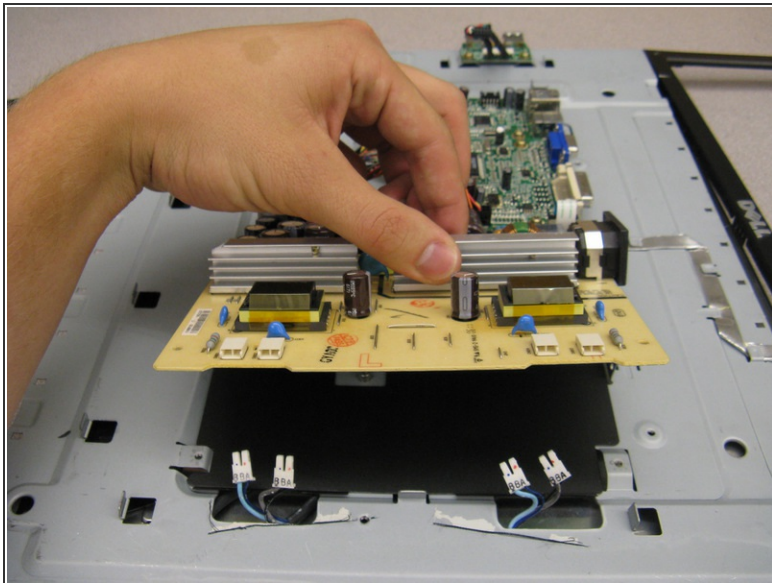
- Remove the five 7 mm Phillips #2 screws from the power supply board.

Step 14



- Open up the clip securing the wires running between the power supply and video boards.
- Gently remove the connector running from the video board to the power supply board.

Step 15



- The power supply board can now be removed.

To reassemble your device, follow these instructions in reverse order.

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